

## REMARKS

Applicant thanks the Examiner for the detailed remarks and analysis. Applicant has amended the specification and claims to address the clarity issues noted by the Examiner.

### Drawings

The drawings were objected to for not disclosing all the features of the claims. However, the step of allowing actuator actuation only by an authorized system service is shown schematically in Figure 2 by a Y/N arrow between the rights management 2 and the mode of operation control 4. The rights management box includes an authorized for current general mode of operation box. Accordingly, Applicant believes that between the Y/N arrow and the mode of operation box within the rights management box shows the features indicated by the Examiner.

### Specification

The specification has been amended according to the suggestions provided by the Examiner. Moreover, paragraph 29 has been amended to clarify the discussion after the word however. No new matter has been added by the amendments made to the specification and claims.

### Claim Objections

Applicant has amended claims 14, 16 and 13 to clarify the claimed features.

### §112 Rejection

Paragraph 9 of the instant specification defines vertical and horizontal arbitration. The vertical and horizontal arbitration is part of a two-stage arbitration that is recited in the various claims. Paragraph 9 explains that vertical arbitration sets a priority between the type of signal such as for example a current signal, a pressure signal and an ON/OFF signal. The horizontal arbitration is a priority based on the origin of the signal, or from which of the plurality of selected system services the signal originates. This is supported by paragraph 9 as stating, by means of which of the selected system service wants to drive the actuator.

The claims and specification have been amended to reflect this defined meaning. Accordingly, the specification is clear as to vertical and horizontal arbitration. No new matter is

added by these amendments as paragraph and its explanation are part of the application as originally filed.

As it is clear from the at least paragraph 9, what is meant by vertical and horizontal arbitration, one of ordinary skill in the art would understand and be able to make and use the invention as described.

Amended claim 16 clarifies that the normal mode occurs after the staring mode, and that the starting mode includes the diagnosis mode including initial testing routines. This amendment is supported by the specification by at least paragraph 21.

The actuator access requirement is defined in the specification in at least paragraph 28 as commands and/or signals that are utilized to command or signal the actuator. The example described in paragraph 28 is a coil for brake pressure control valve. Moreover, the claims have been amended to correct the informalities regarding antecedent basis noted by the Examiner.

Applicant believes that no additional fees are necessary; however, the Commissioner is authorized to charge Deposit Account No. 50-1482 in the name of Carlson, Gaskey & Olds, P.C. for any additional fees or credit the account for any overpayment.

Respectfully Submitted,

**CARLSON, GASKEY & OLDS, P.C.**

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